ATTORNEY'S DOCKET NUMBER: 27058U

| FRANCHITAL LETTER TO THE UNITED STATES DESIGNATES/ELECTED OFFICE (DO/SO/US) CONCERNING A PILING UNDER 35 U.S.C. 371  NTERNATI. APPL. NUMBER: ECT/FIZO04/000274  DATE: 6 MAY 2004  (05.05.2004)  TITLE OF INVENTION: METROD FOR THE TREATMENT OF VECETABLE MATERIAL, PRODUCT OBTAINED BY THE METROD AND USE OF THE PRODUCT  APPLICANT(S) FOR DO/SO/US: 1) HARPIAINEN, Jenni; 2) MYLLYMAKI, Olavi; 3) LERITINEN, Pecka; 3 (LETTA) APPLICANT(S) FOR DO/SO/US: 1) HARPIAINEN, Jenni; 2) MYLLYMAKI, Olavi; 3) LERITINEN, Pecka; 3 (LETTA) APPLICANT(S) FOR DO/SO/US: 1) HARPIAINEN, Jenni; 2) MYLLYMAKI, Olavi; 3) LERITINEN, Pecka; 3 (LETTA) APPLICANT(S) FOR DO/SO/US: 1) HARPIAINEN, Jenni; 2) MYLLYMAKI, Olavi; 3) LERITINEN, Jenni; 2) MYLLYMAKI, Olavi; 3) LERITINEN, Pecka; 3 (LETTA) APPLICANT (S) FOR DO/SO/US: 1) HARPIAINEN, Jenni; 2) MYLLYMAKI, Olavi; 3) LETTA (S) LETTA, SOME OF THE PRODUCT  APPLICANT (S) FOR DO/SO/US: 1) HARPIAINEN, Jenni; 2) MYLLYMAKI, Olavi; 3) LETTA (S) LETTA, SOME OF THE PRODUCT  APPLICANT (S) FOR DO/SO/US: 1) HARPIAINEN, Jenni; 2) MYLLYMAKI, Olavi; 3) LETTA, SOME OF THE PRODUCT  APPLICANT (S) FOR DO/SO/US: 1) HARPIAINEN, Jenni; 2) MYLLYMAKI, Olavi; 3) LETTA, SOME OF THE PRODUCT  APPLICANT (S) FOR DO/SO/US: 1) HARPIAINEN, Jenni; 2) MYLLYMAKI, Olavi; 4. X This is a ETRST submission of items concerning a filing under 35 U.S.C. 371.  1. X This is a BECKOND OF SUBSEQUENT Submission of items concerning a filing under 35 U.S.C. 371.  2. This is a SECOND OF SUBSEQUENT Submission of items concerning a filing under 35 U.S.C. 371.  3. X This is a SECOND OF SUBSEQUENT Submission of items concerning a filing under 35 U.S.C. 371.  4. X is transmitted by the International Sureau.  5. Lateria (S) Lateria (S) Lateria (S) Lateria (S) L.S.C. 371.  6. X A REDGISH translation of the International Application under PCT Article 19 (35 U.S.C. 371.  7. A SECOND OF SUBSEQUENT SUBMISSION OF TRANSMITCH OF TATLE (S) U.S.C. 371.  8. An anable of the made and will not be made.  7. AND ENGLAND OF TATLE (S) LATERIA (S) LATERIA (S) LATERIA (S) LATERIA ( | U.S. DEPARTMENT OF COMMER OFFICE  | CE, PATENT AND TRADEMARK     | DATE: NOVEMBER 2_, 2005                  |  |  |  |  |
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| INTERNATL. APPL. NUMBER: DATE: 6 MAY 2004 (7 MAY 2003 (07.05.2003) FT POT/FIZO/04/000274 (7 MAY 2003 (07.05.2003) FT PO |   | THE UNITED STATES            | U.S. APPL. NUMBER: (if known):           |  |  |  |  |
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| ITITLE OF INVENTION: METHOD FOR THE TREATMENT OF VECETABLE MATERIAL, PRODUCT OSTAINED BY THE METHOD AND USE OF THE PRODUCT  APPLICANT(S) FOR DO/EO/US: 1) HABAPIAINEN, Jenni; 2) MYLLYMAKI, Olavi;  3) LERTINEN, Pekka: 4) LEHTOMAKI, Ilkka;  3) LERTINEN, Pekka: 4) LEHTOMAKI, Ilkka;  3) LERTINEN, Pekka: 6) PATAONI, MARKU  Applicant hereby submits to the Unites States Designated/Elected Office (DO/EO/US) the following items and other information:  1. X This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.  2. This is a SECOMD or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.  3. Z This is a SECOMD or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.  4. X A copy of the International application as filed (35 U.S.C. 371(c)(2)):  a. X is transmitted herewith (required only if not transmitted by the International Bureau.  c. is not required, as the application was filed in the United States Receiving Office (RO/US)  5. X A Beglish translation of the International Application under PCT Article 19 (35 U.S.C. 371(c)(2).  a. Bureau).  b. has been communicated by the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  5. X A Beglish translation of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  6. A Mamendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  8. A have not been made and will not be made.  c. have not been made showever, the time limit for making such amendments has NOT expired.  d. X have not been made showever, the time limit for making such amendments has NOT expired.  d. X have not been made showever the time limit for making such amendments has NOT expired.  d. X have not been made showever the time limit for making such amendments has NOT expired.  d. X have not been made showever the time limit for making such amendments has NOT expired.  A resolution of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(4)).  3. A Radial Substitute  | INTERNATL. APPL. NUMBER:  | INTERNATL. FILING            |  |  |  |  |  |
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| INTERNATIONAL APPLICATION; (PCT/IB/308) SECOND AND SUPPLEMENTAL NOTICE INFORMING THE APPLICATION; POSTCARD FOR EARLY   | AUTHORITY; (PCT/IB/304) NOTIFICATION CONCERNING SUBMISSION OR TRANSMITTAL OF PRIORITY |                              |  |  |  |  |  |
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ATTORNEY'S DOCKET NUMBER: 27058U

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|  | **55567  | •   | L. APPL. NUMBER:<br>F12004/000274   | DATI                    | E: NOVEMBER Q   | , 2005       |
|--|--|---|---|-------------------------|---|--------------|
| The following for  | ees are submitt  | ed:   |   | CA                      | LCULATIONS  | PTO USE ONLY |
| 20. Basic National Fee\$ 300.00  |  |   |   | \$                      | 300.00  |              |
| 21. Examination Fee If International Preliminary Examination Report prepared by USPTO and all claims satisfy Provisions of PCT Article 33(1)-(4)\$ 100.00 All other situations                                   |  |   |   | \$                      | 200.00  |              |
| 22. Search Fee (37 CFR 1.445(a)(2) has been paid on the International Application to the USPTO as an International Searching Authority \$ 100.00 International Search Report prepared and provided to the Office |  |   |   |                         | 400.00  |              |
| All other situations   |  |   |   |                         |   |              |
|  | ENTER APPRO  | PRIATE BASIC  | FEE AMOUNT =  | \$                      | 900.00  |              |
| Surcharge of \$13<br>later than<br>claimed priority  | 20   | 30 months f   | th or declaration<br>rom the earliest   | \$                      | 0.00  |              |
|  | NUMBER:  | NUMBER:   |   | i i                     |   |              |
|  | I MOLIDER.   |   |   |                         |   |              |
| CLAIMS   | FILED  | EXTRA   | RATE  |                         |   |              |
| TOTAL  | FILED<br>15-20=  | EXTRA<br>0  | X \$ 50.00  | \$                      | 0.00  |              |
| TOTAL<br>INDEPENDENT   | FILED<br>15-20=<br>1- 3=   | EXTRA   |   | \$                      | 0.00  |              |
| TOTAL  | FILED<br>15-20=<br>1- 3=<br>ent claims(s)  | EXTRA<br>0<br>0   | x \$ 50.00<br>x \$ 200.00<br>+ \$360.00   |                         |   |              |
| TOTAL INDEPENDENT Multiple depende (if applicable)   | FILED 15-20= 1- 3= ent claims(s) TOTAL   | OF ABOVE CA   | X \$ 50.00<br>X \$ 200.00<br>+ \$360.00<br>ALCULATIONS =  | \$                      | 0.00  |              |
| TOTAL<br>INDEPENDENT<br>Multiple depende   | FILED  15-20=  1- 3= ent claims(s)  TOTAL for asserting sm   | OF ABOVE CA   | X \$ 50.00<br>X \$ 200.00<br>+ \$360.00<br>ALCULATIONS =<br>if applicable.  | \$<br>\$<br>\$          | 0.00<br>0.00<br>900.00                                      |              |
| TOTAL INDEPENDENT Multiple depende (if applicable) Reduction by 2 f  | FILED  15-20=  1- 3= ent claims(s)  TOTAL for asserting sm   | OF ABOVE CA   | X \$ 50.00<br>X \$ 200.00<br>+ \$360.00<br>ALCULATIONS =  | \$<br>\$<br><b>\$</b>   | 0.00<br>0.00<br>900.00                                      |              |
| TOTAL INDEPENDENT Multiple depende (if applicable) Reduction by 2 f  | FILED  15-20= 1- 3= ent claims(s)  TOTAL  for asserting sn 1, 1.27, 1.28).  of \$130.00 for for than 20  | EXTRA  0  0  and 1 entity,  furnishing th  30 mor   | X \$ 50.00 X \$ 200.00 + \$360.00 ALCULATIONS = if applicable. SUBTOTAL = ne English nths from the  | \$<br>\$<br>\$          | 0.00<br>0.00<br>900.00<br>-450.00                           |              |
| TOTAL INDEPENDENT Multiple depende (if applicable)  Reduction by 2 f (Note 37 CFR 1.9)  Processing fee of translation late   | FILED  15-20= 1- 3= ent claims(s)  TOTAL  for asserting sn 1, 1.27, 1.28).  of \$130.00 for for than 20  | EXTRA  0  0  and 1 entity,  furnishing th  30 mor  (37 CFR 1.49   | X \$ 50.00 X \$ 200.00 + \$360.00 ALCULATIONS = if applicable. SUBTOTAL = ne English nths from the  | \$ \$                   | 0.00<br>0.00<br>900.00<br>-450.00<br>450.00                 |              |
| TOTAL INDEPENDENT Multiple depende (if applicable)  Reduction by 2 f (Note 37 CFR 1.9)  Processing fee o translation late earliest claimed  Fee for recordin The assignment m sheet (3)                          | FILED  15-20= 1- 3= ent claims(s)  TOTAL  for asserting sn 1, 1.27, 1.28).  of \$130.00 for f er than 20 priority date  g the enclosed must be accompany   | EXTRA  0  0  COF ABOVE CAMPAIR AND ASSIGNMENT AND                                     | X \$ 50.00<br>X \$ 200.00<br>+ \$360.00<br>ALCULATIONS =<br>if applicable.<br>SUBTOTAL =<br>ne English<br>nths from the<br>92(f)). +<br>ATIONAL FEE =<br>(37 CFR 1.21(h)).<br>ppropriate cover              | \$ \$ \$ \$ \$ \$       | 0.00<br>0.00<br>900.00<br>-450.00<br>450.00<br>0.00         |              |
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| TOTAL INDEPENDENT Multiple depende (if applicable)  Reduction by 2 f (Note 37 CFR 1.9)  Processing fee o translation late earliest claimed  Fee for recordin The assignment m sheet (3)                          | FILED  15-20= 1- 3= ent claims(s)  TOTAI  for asserting sn 1.27, 1.28).  of \$130.00 for for than 20 priority date  g the enclosed must be accompanion of the companion of | EXTRA  0  0  COF ABOVE CAN mall entity,  furnishing th  30 mor  37 CFR 1.49  TOTAL NA assignment nied by an a  3.28  ty + | X \$ 50.00<br>X \$ 200.00<br>+ \$360.00<br>ALCULATIONS =<br>if applicable.<br>SUBTOTAL =<br>ne English<br>nths from the<br>92(f)). +<br>ATIONAL FEE =<br>(37 CFR 1.21(h)).<br>ppropriate cover              | \$ \$ \$ \$ \$ \$ \$ \$ | 0.00<br>0.00<br>900.00<br>-450.00<br>0.00<br>450.00<br>0.00 |              |
| TOTAL INDEPENDENT Multiple depende (if applicable)  Reduction by 2 f (Note 37 CFR 1.9)  Processing fee o translation late earliest claimed  Fee for recordin The assignment m sheet (3)                          | FILED  15-20= 1- 3= ent claims(s)  TOTAI  for asserting sn 1.27, 1.28).  of \$130.00 for for than 20 priority date  g the enclosed must be accompanion of the companion of | EXTRA  0  0  COF ABOVE CAN mall entity,  furnishing th  30 mor  37 CFR 1.49  TOTAL NA assignment nied by an a  3.28  ty + | X \$ 50.00<br>X \$ 200.00<br>+ \$360.00<br>ALCULATIONS =<br>if applicable.<br>SUBTOTAL =<br>the English<br>this from the<br>92(f)). +<br>ATIONAL FEE =<br>(37 CFR 1.21(h)).<br>ppropriate cover<br>, 3.31). | \$ \$ \$ \$ \$ \$ \$ \$ | 0.00<br>0.00<br>900.00<br>-450.00<br>0.00<br>450.00         | \$           |

ATTORNEY'S DOCKET NUMBER: 27058U

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| U.S. APPL. NUMBER: (If known): 10 /5 55 87   | INTERNATL. APPL. NUMBER:<br>PCT/F12004/000274                                    | DATE: NOVEMBER 🔏 , 2005             |  |  |  |  |
|--|--|-------------------------------------|--|--|--|--|
|  |  | <u></u>                             |  |  |  |  |
| a. $X$ A check in the amount of $$450.00$ to cover the above fees is enclosed.   |  |                                     |  |  |  |  |
| b Please charge my Depos<br>cover the above fees.  | it Account Number: 14-0112 in t<br>(A duplicate copy of this shee                | the amount of \$ to t is enclosed.) |  |  |  |  |
| c. X The Commissioner is hereby authorized to charge any additional fees, which<br>June be required, or credit any overpayment to Deposit Account Number: 14-0112.   |  |                                     |  |  |  |  |
| d Fees are to be charged to a credit card WARNING: Information on this form<br>June become public Credit Card Information should not be included on this<br>form Provide credit card information and authorization on PTO-2038 |  |                                     |  |  |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.                 |  |                                     |  |  |  |  |
| Send All Correspondence To:  |  |                                     |  |  |  |  |
| Gary M. Nath  NATH & ASSOCIATES PLIC  1030 15 <sup>th</sup> St., N.W., 6 <sup>th</sup> Fl.,  Washington, D.C. 20005-1503   |  |                                     |  |  |  |  |
| (202) 775-8383 (phone)<br>(202) 775-8396 (fax)   |  |                                     |  |  |  |  |
|  | Gary M. Nath Reg. No. 26,965 Tanya E. Harkins Reg. No. 52,993 Customer No. 20529 | <del></del>                         |  |  |  |  |
|  |  |                                     |  |  |  |  |

JC14 Rec'd PCT/

Attorney Docket: 27058U

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

MYLLYMÄKI, et al.

Appl.: Not Yet Assigned

Filed:

November  $\lambda$  , 2005

Internatl. Appl.: PCT/FI2004/000274

Internatl. Filing Date: 6 May 2004 (06.05.2004)

Title:

METHOD FOR THE TREATMENT OF VEGETABLE MATERIAL, PRODUCT OBTAINED BY

THE METHOD AND USE OF THE PRODUCT

## TRANSMITTAL LETTER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- 1) Transmittal Letter to U.S. Designated/Elected Office (DO/EO/US) Concerning Filing under 35 U.S.C. 371;
- 2) International Publication Number: WO 2004/099257 A1, published with the (PCT/ISA/210) International Search Report; International Publication Date: 18 November 2004 (18.11.2004), which consists of 18 pages:
  - 1 page for the Cover Sheet,
  - 13 pages of Textual Specification,
  - 2 pages of 15 Claims,
  - 2 sheets of Drawings;
- (PCT/IPEA/409) International Preliminary Report on Patentability (Chapter 3) II), with 2 sheets of annexes of amended sheets of claims;
- Preliminary Amendment with Attachments A and B to be Examined; 4)
- 5) Unexecuted Declaration and Power of Attorney;
- Information Disclosure Statement; 6)
- 7) PTO Form-1449 with 13 cited references;
- Copy of English Translation of Office Action issued for Finnish 8) Application 20030683;
- 9) Copies of 9 of the 13 cited references;
- 10) (PCT/ISA/237) Written Opinion of the International Search Authority;
- 11) (PCT/IB/304) Notification Concerning Submission or Transmittal of Priority
- (PCT/IB/308) First Notice Informing the Applicant of the Communication of 12) the International Application;
- (PCT/IB/308) Second and Supplemental Notice Informing the Applicant of the 13) Communication of the International Application;
- Check No.: 131 in the Amount of \$ 450.00 for the Basic Filing Fee, 14) which includes the Search and Examination Fees, as a Small Entity;
- Postcard for Early Notification of the Serial Number Request. 15)

Respectfully submitted, NATH & ASSOCIATES PLLC

Date: November 2 , 2005

By:

Gary M. Nath Reg. No. 26,965 Tanya E. Harkins Reg. No. 52,993 Customer No. 20529

NATH & ASSOCIATES PLLC 1030 15th St., N.W., 6th Fl., Washington, D.C. 20005-1503 Tel: 202-775-8383 / Fax: 202-775-8396 GMN/TH/le (Appl.NP)